



**COUNTY OF SAN DIEGO**  
**DEPARTMENT OF PLANNING AND LAND**  
**USE**  
**BUILDING DIVISION**

**SUPPLEMENTAL CORRECTION LIST – No. 3**  
**Non-Residential Accessibility Regulations**

*Pedestrian Ramps*

PLAN CHECK NUMBER:

OWNER:

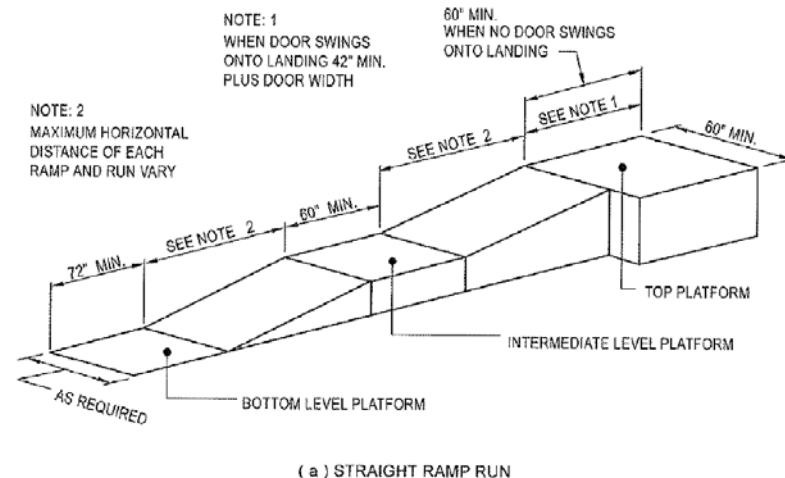
**NOTE:** Any accessible route of travel shall be considered a ramp if its slope is greater than 1:20 (5% gradient).

**PEDESTRIAN RAMP REQUIREMENTS**

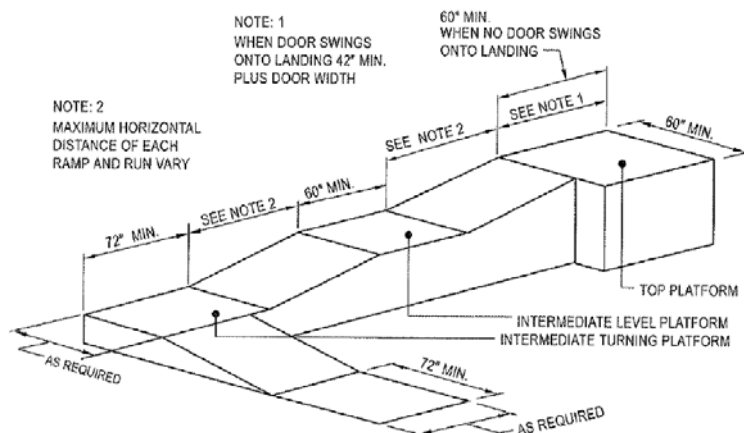
1. Pedestrian ramps shall have a minimum clear width of 48 inches.  
*CBC Sec. 1133B.5.2*
2. Pedestrian ramps serving entrances to buildings where the ramp is the only exit discharge path and serves an occupant load of 300 or more shall have a minimum clear width of 60 inches.  
*CBC Sec. 1133B.5.2*
3. Pedestrian ramps serving Group R occupancies may be 36 inches clear width if the occupant load is 50 or less.  
*CBC Sec. 1133B.5.2*
4. The least possible slope shall be used for any ramp. The maximum slope of a ramp that serves any exit way, provides access for persons with physical disabilities or is in the accessible route of travel shall be 1:12 (8.3% gradient). The maximum rise for any run shall be 30 inches.  
*CBC Sec. 1133B.5.3*
5. Level ramp landings shall be provided at the top and bottom of each ramp.  
*CBC Sec. 1133B.5.4.1*
6. Intermediate landings shall be provided at intervals not exceeding 30 inches of vertical rise and at each change of direction.  
*CBC Sec. 1133B.5.4.1*
7. Top landings shall not be less than 60 inches wide and shall have a length not less than 60 inches in the direction of ramp run.  
*CBC Sec. 1133B.5.4.2*
8. Landings at the bottom of ramps shall have a dimension in the direction of ramp run of not less than 72 inches.  
*CBC Sec. 1133B.5.4.2*
9. Intermediate and bottom landings at a change of direction in excess of 30 degrees shall have a dimension in the direction of ramp run of not less than 72 inches to accommodate the handrail extension. Other intermediate landings shall have a dimension in the direction of ramp run of not less than 60 inches.  
*CBC Sec. 1133B.5.4.6,7*
10. At bottom and intermediate landings, the width shall be at least the same as required for the ramps.  
*CBC Sec. 1133B.5.4.5*
11. The width of the landing shall extend 24 inches past the strike edge of any door or gate for exterior ramps and 18 inches past the strike edge for interior ramps.  
*CBC Sec. 1133B.5.4.4*
12. Doors in any position shall not reduce the minimum dimension of the landing to less than 42 inches and shall not reduce the required width by more than 3 inches when fully open.  
*CBC Sec. 1133B.5.4.3*
13. Required ramps shall have a curb at least 2 inches high, or a wheel guide rail 2 to 4 inches high on each side of the ramp landing that has a vertical drop exceeding 4 inches and that is not bounded by a wall or fence.  
*CBC Sec. 1133B.5.4.9*
14. Where the ramp surface is not bounded by a wall, provide one of the following:
  - a.) A guide curb a minimum of 2 inches in height at each side of the ramp  
*CBC Sec. 1133B.5.6.1*
  - b.) A wheel guide rail centered 3 inches  $\pm$  1 inch above the surface of the ramp  
*CBC Sec. 1133B.5.6.2*
15. Outdoor ramps and their approaches shall be designed so that water will not accumulate on walking surfaces.  
*CBC Sec. 1133B.5.8*
16. Handrails are required on ramps that provide access if the slope exceeds 1:20 (5% gradient), except that at exterior door landings, handrails are not required on ramps less than 6 inches rise or 72 inches in length.  
*CBC Sec. 1133B.5.5.1*
17. Handrails shall be placed on each side of each ramp, shall be continuous the full length of the ramp, shall be 34 to 38 inches above the ramp surface to the top of the handrails, shall extend a minimum of 12 inches beyond the top and bottom of the ramp, shall not rotate within their fittings and shall be parallel with the floor or ground surface.  
*CBC Sec. 1133B.5.5.1*
18. The ends of handrails shall be either rounded or returned smoothly to floor, wall or post.  
*CBC Sec. 1133B.5.5.1*
19. Handrails projecting from a wall shall have a space of 1½ inches between the wall and the handrail.  
*CBC Sec. 1133B.5.5.1*
20. Handrails may be located in a recess if the recess is a maximum of 3 inches deep and extends at least 18 inches above the top of the rail.  
*CBC Sec. 1133B.5.5.1*
21. Any wall or other surface adjacent to the handrail shall be free of sharp or abrasive elements. Edges shall have a minimum radius of 1/8 inch.  
*CBC Sec. 1133B.5.5.1*
22. The grip portion of handrails shall not be less than 1¼ inches nor more than 1½ inches in cross-sectional nominal dimension or the shape shall provide an equivalent gripping surface, and all surfaces shall be smooth with no sharp corners.  
*CBC Sec. 1133B.5.5.1*

**THIS DOCUMENT IS FOR PLAN REVIEW ONLY.**  
***CORRECTION LIST IN ITS ENTIRETY MAY NOT BE REPRODUCED ON PLANS.***

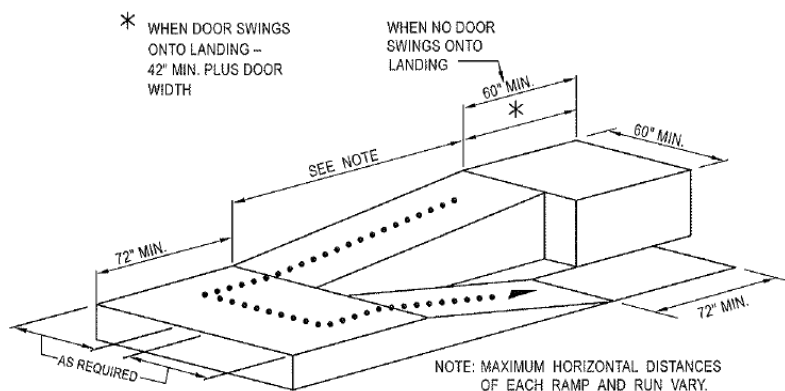
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(a) STRAIGHT RAMP RUN



(b) RAMP WITH TURNING PLATFORM



(c) RAMP WITH INTERMEDIATE SWITCH BACK PLATFORM

FIGURE 11B-38—RAMP DIMENSIONS

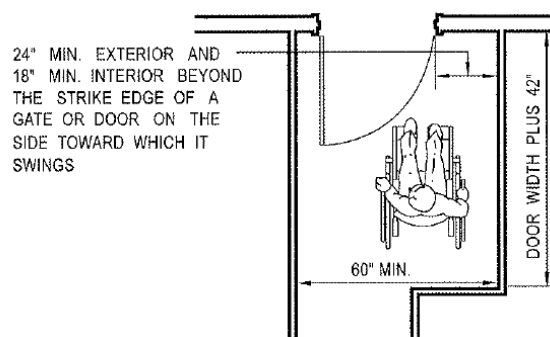
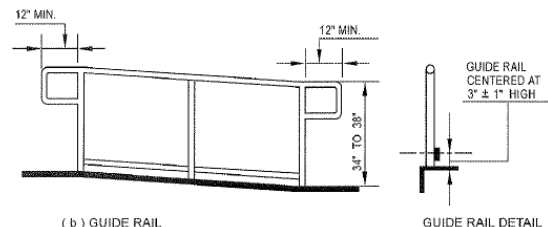
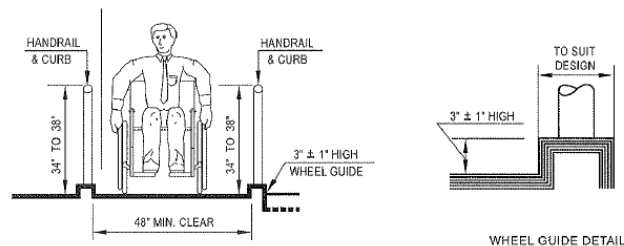


FIGURE 11B-39—RAMP LANDING AND DOORWAY



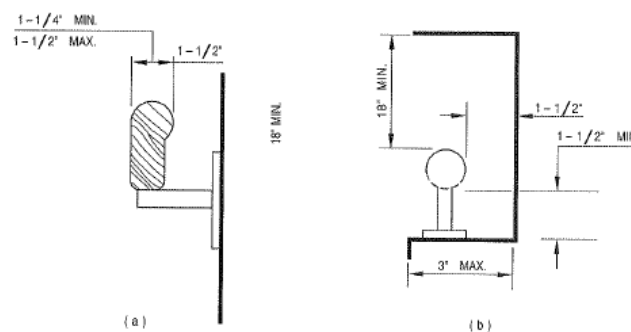
(b) GUIDE RAIL



(c) WHEEL GUIDE

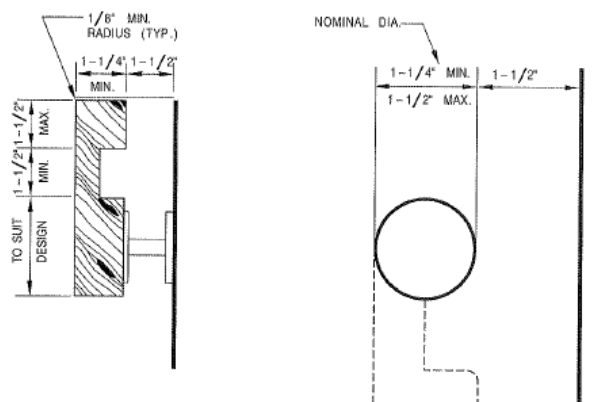
THESE DIAGRAMS ILLUSTRATE THE SPECIFIC REQUIREMENTS  
OF THESE REGULATIONS AND ARE INTENDED ONLY AS AN AID  
FOR BUILDING DESIGN AND CONSTRUCTION.

FIGURE 11B-27—RAMPS AND SIDEWALKS



(a)

(b)



(c)

(d)